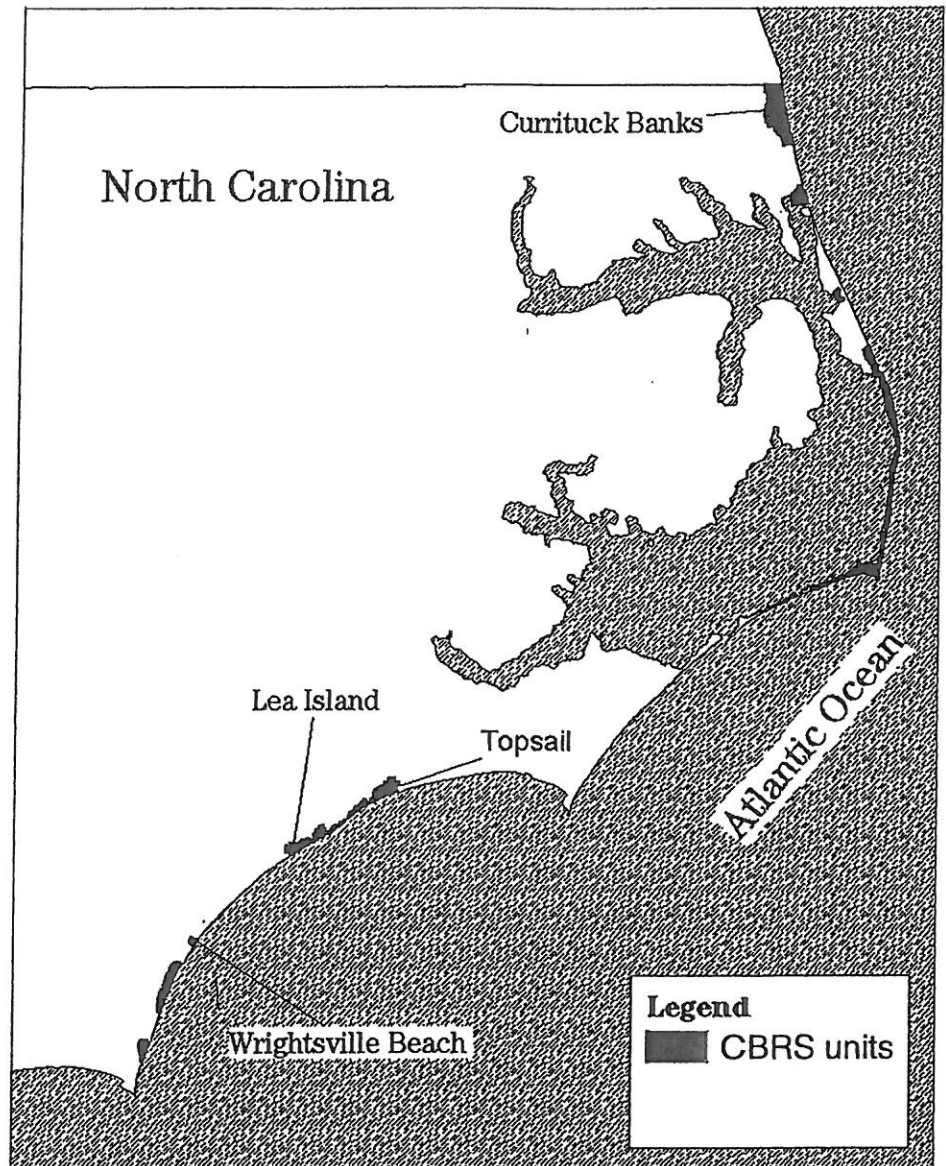


Attachment B- CAMA Counties



Attachment D. Barrier Islands

Figure 10: CBRS Units We Visited in North Carolina



Source: GAO.

The Topsail unit in North Topsail is a barrier island with low elevation without the protection of substantial dunes. It has a total of approximately 1,600 structures and local officials stated that most of the structures were built after CBRA was enacted. The unit consists of single and multifamily



Status of SIP Requirements

You are here: [EPA Home](#) [Air & Radiation](#) [Six Common Air Pollutants](#) [State Implementation Plan Status and Information](#) [Nonattainment Area and Ozone Transport Region SIP Requirements](#) [Status of SIP Requirements for Designated Areas](#)

Status of SIP Requirements for Designated Areas

North Carolina Areas by Pollutant

As of 07/22/2012

[View Nonattainment Contacts](#)

Jump to North Carolina section for: [CO](#) [Lead \(1978\)](#) [Lead \(2008\)](#) [NO2](#) [Ozone-1Hr \(1979\)](#) [Ozone-8Hr \(1997\)](#) [PM-10 \(1987\)](#) [PM-2.5 \(1997\)](#) [PM-2.5 \(2006\)](#) [SO2](#)

| North Carolina CO Areas Return to map | | | | | | | |
|---|-------------|------------------|---------------------|---------------------------------|-------------------|----------------------------------|-------------|
| <i>Click on the Area name to view SIP Requirements</i> Area | Status | Designation Date | Classification | 2000 Population (state portion) | Meets NAAQS Basis | Design Value (ppm) (entire area) | Meets NAAQS |
| Charlotte Area | Maintenance | 11/15/1990 | Not Classified | 695,454 | 2009-2010 | 1.7 | Yes |
| Raleigh-Durham Area | Maintenance | 01/06/1992 | Moderate <= 12.7ppm | 851,160 | 2009-2010 | 1.6 | Yes |
| Winston-Salem Area | Maintenance | 01/06/1992 | Moderate <= 12.7ppm | 306,067 | 2009-2010 | 1.9 | Yes |
| North Carolina Lead (1978) Areas Return to map | | | | | | | |
| No designated areas for this pollutant. | | | | | | | |
| North Carolina Lead (2008) Areas Return to map | | | | | | | |
| No designated areas for this pollutant. | | | | | | | |
| North Carolina NO2 Areas Return to map | | | | | | | |
| No designated areas for this pollutant. | | | | | | | |
| North Carolina Ozone-1Hr (1979) Areas Return to map | | | | | | | |
| <i>Click on the Area name to view SIP Requirements</i> Area | Status | Designation Date | Classification | 2000 Population (state portion) | Meets NAAQS Basis | Design Value (entire area) | Meets NAAQS |
| | | | | | | | |

| | | | | | | | |
|---|-------------|------------|----------|---------|-----------|-----|-----|
| <u>Charlotte-Gastonia Area</u> | Maintenance | 11/15/1990 | Moderate | 885,819 | 2000-2002 | 130 | No |
| <u>Greensboro-Winston-Salem-High Point Area</u> | Maintenance | 01/06/1992 | Moderate | 874,362 | 2000-2002 | 121 | Yes |
| <u>Raleigh-Durham Area</u> | Maintenance | 01/06/1992 | Moderate | 864,961 | 2000-2002 | 118 | Yes |

North Carolina Ozone-8Hr (1997) Areas [Return to map](#)

| <i>Click on the Area name to view SIP Requirements</i> Area | Status | Designation Date | Classification | 2000 Population (state portion) | Meets NAAQS Basis | Design Value (ppb) (entire area) | Meets NAAQS |
|--|---------------|------------------|--------------------|---------------------------------|-------------------|----------------------------------|-------------------|
| <u>Charlotte-Gastonia-Rock Hill Area</u> | Nonattainment | 06/15/2004 | Subpart 2/Moderate | 1,374,564 | 2008-2010 | 82 | Yes |
| <u>Haywood and Swain Counties (Great Smoky NP) Area</u> | Maintenance | 06/15/2004 | Former Subpart 1 | 288 | 2008-2010 | 72 | Yes |
| <u>Raleigh-Durham-Chapel Hill Area</u> | Maintenance | 06/15/2004 | Former Subpart 1 | 1,244,053 | 2008-2010 | 74 | Insufficient Data |
| <u>Rocky Mount Area</u> | Maintenance | 06/15/2004 | Former Subpart 1 | 143,026 | 2008-2010 | 71 | Yes |

North Carolina PM-10 (1987) Areas [Return to map](#)

No designated areas for this pollutant.

North Carolina PM-2.5 (1997) Areas [Return to map](#)

| <i>Click on the Area name to view SIP Requirements</i> Area | Status | Designation Date | Classification | 2000 Population (state portion) | Meets NAAQS Basis | Design Value Annual/24-Hr (ug/m3) (entire area) | Meets NAAQS |
|--|-------------|------------------|----------------|---------------------------------|-------------------|---|-------------|
| <u>Greensboro-Winston-Salem-High Point</u> | Maintenance | 04/05/2005 | | 568,294 | 2008-2010 | 12.1 / | Yes |
| <u>Hickory-Morganton-Lenoir</u> | Maintenance | 04/05/2005 | | 141,685 | 2008-2010 | 11.4 / | Yes |

North Carolina PM-2.5 (2006) Areas [Return to map](#)

No designated areas for this pollutant.

North Carolina SO2 Areas [Return to map](#)

No designated areas for this pollutant.

We have made our best effort to ensure that the data contained in these reports is accurate. We receive new state submissions and we take rulemaking action on plans. In order to assist us by clicking on the "Contact Us" link near the top of this page with any comments regarding or whether the entries reflect the most recent status.

French Broad River Trips Raft the family-friendly French Broad River with NOC, since 1972. [www](#)

French Broad Rafting NC Trips Available Today - 10% off with USA Raft [www.MyUSARaft.com](#)

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Carolina Outdoors Guide - Parks & Forests

| | | | | |
|---------------------------|---|--|----------------------------------|---|
| National Parks | Nat'l Wild & Scenic Rivers | Nat'l & State Fish Hatcheries | Department of Defense | State Parks Coastal Reserves |
| Nat'l Forests | Nat'l Wildlife Refuges | U.S. Army Corps of Engineers Projects | TVA Reservoirs | State Forests/Edu. State Forests |

National Wild & Scenic Rivers

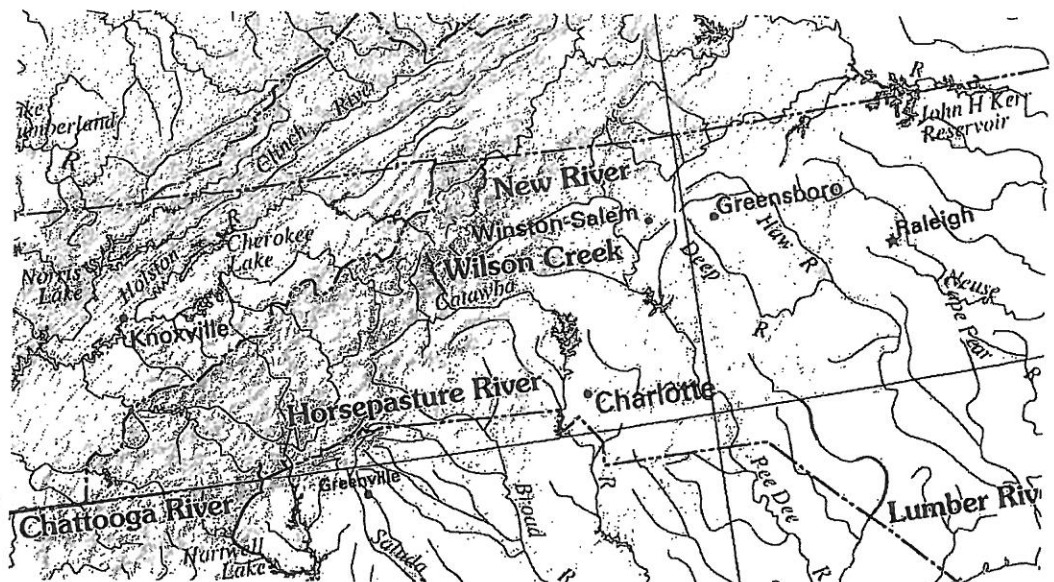
Home
Parks
&
Forests



Camping



Hiking



The federal Wild and Scenic Rivers Act declares that selected river remarkable scenic, recreational, geologic, fish and wildlife, historical or prehistoric values shall be preserved as free-flowing and protected



enjoyment of present and future generations. There are five **Na Scenic Rivers** in North Carolina.

Links



Chatooga River

Nantahala National Forest
160A Zillico Street
Asheville, North Carolina 28801
(828) 257-4200

This Land, Your Land - Our Blog

USDA Forest Service
Andrew Pickens Ranger District
112 Andrew Pickens Circle
Mountain Rest, South Carolina 29664
(864) 638-9568

About Us

A tiny stretch of the river south of Cashiers Lake to the Tugaloo North Carolina though mostly it is in South Carolina and Georgia **River**, recognized for some of the Southeast's best whitewater, scenery ranging from thundering falls and twisting rock-choked cliff-enclosed deep pools. Dense forests and undeveloped shorel

E-Mail

Site Map

the primitive nature of the river corridor.

Horsepasture River

Nantahala National Forest
2010 Flat Mountain Road
Highlands, NC 28741
(828) 526-3765

Locator Map (Sapphire, NC)

At 4.2 miles from N.C. 281 (Bohaynee Road; off U.S. 64) in southwest Transylvania County to Lake Jocassee, the designated segment of the Horsepasture is the shortest river in the system. It is an exceptional example of an escarpment river with five major waterfalls within two miles - Drift Falls, Second Falls (or Turtleback Falls for its turtleshell-like rock formation), Rainbow Falls, Stairstep Falls and Windy Falls - numerous cascades, rapids, boulders and rock outcroppings. Drift and Turtleback falls occur near the trail access point on Bohaynee Road at **Gorges State Park**; the main trail and spurs provide opportunities to view the other falls. Rich Stevenson's N.C. Waterfalls site has a nice page

about the **Horsepasture River**.

New River, South Fork

New River State Park

1477 Wagoner Access Road

Jefferson, NC 28640

(336) 982-2587

Locator Map

The designated scenic segment of the New River, 26.5 miles long, includes 22 miles of the South Fork downstream to its confluence with the North Fork and 4.5 miles of the main stem of the river north to the Virginia line. The ancient, northward-flowing New passes through valleys and bottom lands, including many stretches through remote countryside not easily accessible by road or trail. New River State Park provides access and spots for camping, canoeing, picnicking and fishing.

Lumber River

Lumber River State Park

Post Office Box 10

Orrum, NC 28369

(910) 628-9844

Locator Map

Eighty-one miles of the Lumber River are national wild and scenic waters, making it the only North Carolina black-water river to earn the designation. The 22-mile scenic portion from S.R. 1412/1203 to the Scotland/Robeson county lines at the end of the Maxton Airport Swamp where the land around the river is undeveloped includes the most scenic section, offering the chance to experience the outdoors at its most natural state. The 59-mile area from Jacob Branch to the North/South Carolina border is remote but generally accessible by trails.

Wilson Creek

Pisgah National Forest
Route 1, Box 110-A
Nebo, NC 28761
(828) 652-2144

Locator Map (Visitors Center)

Wilson Creek rises below Calloway Peak near Grandfather Mountain in Avery County and flows southeast through Caldwell County before feeding the Johns River at the Burke County line. Its 23.3-mile stretch includes 4.6 miles designated as wild, 2.9 miles named scenic and 15.8 miles designated recreational. It is popular with kayakers and canoeists, anglers, swimmers and subathers who take to the creek's massive boulders. Here's the **National Forest Service brochure** with information about **hiking**, biking and camping (**Mortimer Campground** is nearby). Caldwell County operates a visitor/education center open April 1 to November 30, and the **Friends of Wilson Creek** has a Web site with useful information about enjoying the river and the land around it.

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SC Beach Vacation Myrtle Beach, SC - Come for the Beach, Discover Much More! www.VisitMyrtleBe

Return to **Top of National Scenic Rivers**

NORTH CAROLINA Super Fund sites

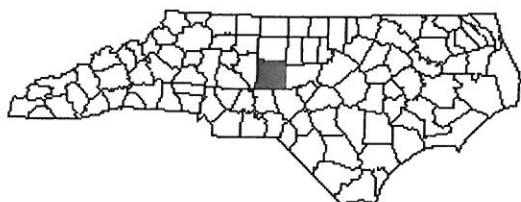
| SITE/SUMMARY | STATUS | MANAGER/E-MAIL |
|--|--------------------------|--|
| <u>ABC One Hour Cleaners</u> | FINAL | townsend.gena@epa.gov |
| <u>Aberdeen Pesticide (OU 1&4)</u> <u>Aberdeen Pesticide (OU 5)</u> <u>Aberdeen Pesticide (OU 3)</u> | FINAL | wendel.jennifer@epa.gov flores.luis@epa.gov bornholm.jon@epa.gov |
| <u>Barber Orchard</u> | FINAL | bornholm.jon@epa.gov |
| <u>Battery Tech/Duracell</u> | SUPERFUND ALTERNATIVE | mallary.ken@epa.gov |
| <u>Benfield</u> | FINAL | west.robert@epa.gov |
| <u>Blue Ridge Plating</u> | FINAL | bornholm.jon@epa.gov |
| <u>Bypass 601</u> | FINAL | bennett.giezelle@epa.gov |
| <u>Camp Lejeune</u> | FINAL | townsend.gena@epa.gov |
| <u>Cape Fear Wood Preserving</u> | FINAL | bornholm.jon@epa.gov |
| <u>Carolina Transformer</u> | FINAL | flores.luis@epa.gov |
| <u>Celanese</u> | FINAL | lores.luis@epa.gov / mallary.ken@epa.gov |
| <u>Charles Macon Lagoon</u> | FINAL | bennett.giezelle@epa.gov |
| <u>Chemtronics</u> | FINAL | bornholm.jon@epa.gov |
| <u>Cherry Point Marine Air Station</u> | FINAL | townsend.gena@epa.gov |
| <u>CTS-Mills Gap</u> | FINAL | urquhart-foster.samantha@epa.gov |
| <u>Davis Park Road TCE</u> | FINAL | wendel.jennifer@epa.gov |
| <u>Ecusta Mill</u> | SUPERFUND ALTERNATIVE | wendel.jennifer@epa.gov |
| <u>Estech General Chemical</u> | CLEANUP - OTHER | mallary.ken@epa.gov |
| <u>FCX-Statesville</u> | FINAL | mallary.ken@epa.gov |
| <u>FCX-Washington</u> | FINAL | joyner.bill@epa.gov |
| <u>Flanders Filters</u> | SUPERFUND ALTERNATIVE | bornholm.jon@epa.gov |
| <u>GMH Electronics</u> Formerly known as Halifax | FINAL | hendrix.corey@epa.gov |
| <u>Geigy Chemical</u> | FINAL | bornholm.jon@epa.gov |
| <u>General Electric/Shepherd Farm</u> | FINAL | townsend.michael@epa.gov |
| <u>Georgia-Pacific Hardwood</u> | REMOVED | mallary.ken@epa.gov |
| <u>Gurley Pesticide Burial</u> | SUPERFUND ALTERNATIVE | bryant.randy@epa.gov |
| <u>HoltraChem</u> | REMOVAL | urquhart-foster.samantha@epa.gov |

| SITE/SUMMARY | STATUS | MANAGER/E-MAIL |
|--|--------------------------|---|
| <u>J-Street</u> | REMOVAL | <u>stepter.beverly@epa.gov</u> |
| <u>JFD/Channel Master</u> | FINAL | <u>west.robert@epa.gov</u> |
| <u>Jadco-Hughes</u> | FINAL | <u>townsend.michael@epa.gov</u> |
| <u>Kerr-McGee</u> | FINAL | <u>spalvins.eric@epa.gov</u> |
| <u>Koppers</u> | FINAL | <u>stepter.beverly@epa.gov</u> |
| <u>Martin-Marietta/Sodyeco</u> | FINAL | <u>townsend.michael@epa.gov</u> |
| <u>N.C. State</u> | FINAL | <u>townsend.michael@epa.gov</u> |
| <u>National Starch</u> | FINAL | <u>bornholm.jon@epa.gov</u> |
| <u>New Hanover</u> | FINAL | <u>stepter.beverly@epa.gov</u> |
| <u>North Belmont PCE</u> | FINAL | <u>townsend.michael@epa.gov</u> |
| <u>Northeast Chemical</u> | CLEANUP - OTHER | <u>mallary.ken@epa.gov</u> |
| <u>Ore Knob</u> | FINAL | <u>carr.loften@epa.gov</u> |
| <u>PCB Spills</u> | DELETED | <u>bledsoe.donna@epa.gov</u> |
| <u>Potter's Pits</u> | FINAL | <u>stepter.beverly@epa.gov</u> |
| <u>Ram Leather</u> | FINAL | <u>stepter.beverly@epa.gov</u> |
| <u>Reasor Chemical Company</u> | FINAL | <u>urquhart-foster.samantha@epa.gov</u> |
| <u>Sigmons Septic Tank</u> | FINAL | <u>stepter.beverly@epa.gov</u> |
| <u>Ward Transformer</u> | FINAL | <u>flores.luis@epa.gov</u> |
| <u>Weyerhaeuser Company Plymouth Wood Treating Plant</u> | SUPERFUND ALTERNATIVE | <u>bryant.randy@epa.gov</u> |

U.S. Fish & Wildlife Service

Endangered Species, Threatened Species, Federal Species of Concern, and Candidate Species,

Randolph County, North Carolina



Updated: 09-22-2010

Critical Habitat Designations:

Cape Fear shiner - *Notropis mekistocholas* - Approximately 1.5 miles of Fork Creek, from a point 0.1 river mile upstream of Randolph County Road 2873 Bridge downstream to the Deep River then downstream approximately 4.1 river miles of the Deep River in Randolph and Moore Counties, North Carolina, to a point 2.5 river miles below Moore County Road 1456 Bridge. Constituent elements include clean streams with gravel, cobble, and boulder substrates with pools, riffles, shallow runs and slackwater areas with large rock outcrops and side channels and pools with water of good quality with relatively low silt loads.

Federal Register Reference: September 25, 1987, Federal Register, 2: 36034-36039.

| Common Name | Scientific name | Federal Status | Record Status |
|-------------------------|---------------------------------|-----------------------|----------------------|
| Vertebrate: | | | |
| American eel | <i>Anguilla rostrata</i> | FSC | Current |
| <u>Cape Fear shiner</u> | <i>Notropis mekistocholas</i> | E | Current |
| Carolina darter | <i>Etheostoma collis collis</i> | FSC | Obscure |
| Carolina redhorse | <i>Moxostoma</i> sp. 2 | FSC | Current |
| Invertebrate: | | | |
| Atlantic pigtoe | <i>Fusconaia masoni</i> | FSC | Current |
| Brook floater | <i>Alasmodonta varicosa</i> | FSC | Current |
| Carolina creekshell | <i>Villosa vaughaniana</i> | FSC | Current |
| Savannah lilliput | <i>Toxolasma pullus</i> | FSC | Current |
| Yellow lampmussel | <i>Lampsilis cariosa</i> | FSC | Current |
| Vascular Plant: | | | |

| | | | |
|-------------------------------|--|-----|---------|
| Georgia aster | <i>Symphyotrichum georgianum</i> | C | Current |
| Prairie birdsfoot-trefoil | <i>Lotus unifoliolatus</i> var. <i>helleri</i> | FSC | Current |
| <u>Schweinitz's sunflower</u> | <i>Helianthus schweinitzii</i> | E | Current |

Nonvascular Plant:

Lichen:

Definitions of Federal Status Codes:

E = endangered. A taxon "in danger of extinction throughout all or a significant portion of its range."

T = threatened. A taxon "likely to become endangered within the foreseeable future throughout all or a significant portion of its range."

C = candidate. A taxon under consideration for official listing for which there is sufficient information to support listing. (Formerly "C1" candidate species.)

BGPA =Bald and Golden Eagle Protection Act. See below.

FSC = federal species of concern. A species under consideration for listing, for which there is insufficient information to support listing at this time. These species may or may not be listed in the future, and many of these species were formerly recognized as "C2" candidate species.

T(S/A) = threatened due to similarity of appearance. A taxon that is threatened due to similarity of appearance with another listed species and is listed for its protection. Taxa listed as T(S/A) are not biologically endangered or threatened and are not subject to Section 7 consultation. See below.

EXP = experimental population. A taxon listed as experimental (either essential or nonessential).

Experimental, nonessential populations of endangered species (e.g., red wolf) are treated as threatened species on public land, for consultation purposes, and as species proposed for listing on private land.

P = proposed. Taxa proposed for official listing as endangered or threatened will be noted as "PE" or "PT", respectively.

Bald and Golden Eagle Protection Act (BGPA):

In the July 9, 2007 Federal Register(72:37346-37372), the bald eagle was declared recovered, and removed (de-listed) from the Federal List of Threatened and Endangered wildlife. This delisting took effect August 8,2007. After delisting, the Bald and Golden Eagle Protection Act (Eagle Act) (16 U.S.C. 668-668d) becomes the primary law protecting bald eagles. The Eagle Act prohibits take of bald and golden eagles and provides a statutory definition of "take" that includes "disturb". The USFWS has developed National Bald Eagle Management Guidelines to provide guidance to land managers, landowners, and others as to how to avoid disturbing bald eagles. For mor information, visit <http://www.fws.gov/migratorybirds/baldeagle.htm>

Threatened due to similarity of appearance(T(S/A)):

In the November 4, 1997 Federal Register (55822-55825), the northern population of the bog turtle (from New York south to Maryland) was listed as T (threatened), and the southern population (from Virginia south to Georgia) was listed as T(S/A) (threatened due to similarity of appearance). The T(S/A) designation bans the collection and interstate and international commercial trade of bog turtles from the southern population. The T(S/A) designation has no effect on land management activities by private landowners in North Carolina, part of the southern population of the species. In addition to its official status as T(S/A), the U.S. Fish and Wildlife Service considers the southern population of the bog turtle as a Federal species of concern due to habitat loss.

Definitions of Record Status:

Current - the species has been observed in the county within the last 50 years.

Historic - the species was last observed in the county more than 50 years ago.

Obscure - the date and/or location of observation is uncertain.

Incidental/migrant - the species was observed outside of its normal range or habitat.

Probable/potential - the species is considered likely to occur in this county based on the proximity of known records (in adjacent counties), the presence of potentially suitable habitat, or both.

Biological Assessment/ Evaluation
City of Trinity- Economic Development Grant

1. Listed species

2. Cape Fear Shiner-no impact anticipated
Schweinitz's sunflower- no impact anticipated

3. Project Description

Project Name: Trinity Economic Development Project

Funding: CDBG Small Cities- \$168,000, Rural Center- \$140,000
and Local Funds- \$17,000- Total \$325,000

Project Description: Flint Trading Company is a traffic solutions company that produces specialized paints and coatings used on roads, parking lots, and highways. Due to an inadequate septic system which will not support job growth the City plans to install 2,060 feet of 8inch gravity sewer line along Turnpike Court in Trinity to serve Flint Trading Company. Included in this project is the up fitting of an existing industrial facility for a new use. A Phase one environmental has been performed for this existing site and is available upon request. In return Flint Trading Company will create 14 new jobs and employee 14 new workers. About 2/3s of the line will be in existing street right of way.

4. Species and suitable habitat descriptions.

See attached US Fish and Wildlife description

5. Effects of Proposed Action.

The streams in Randolph County containing the Cape fear shiner are not located on the vicinity of Trinity so no impact on this species is anticipated.

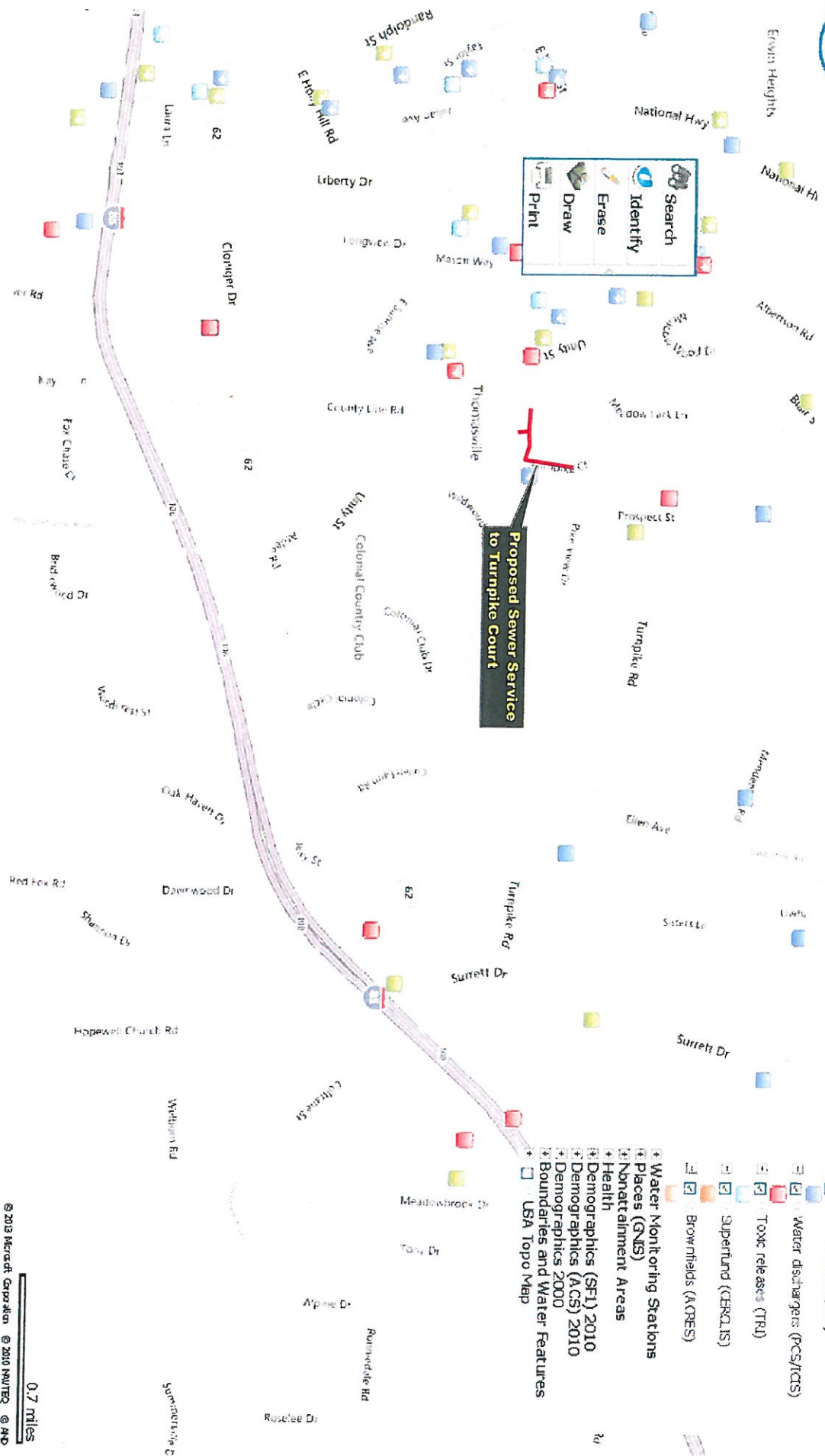
This project will have no effect on the Schweinitz's sunflower or its habitat. The project is in a urban neighborhood . Schweinitz's sunflower occurs in full to partial sun and is found in areas with poor soils, such as thin clays that vary from wet to dry. It is believed that this species once occurred in natural forest openings or grasslands. Many of the remaining populations occur along roadsides. However the road sides where this sewer line will be located are cut regularly and no evidence of this plant was observed in areas outside the rights of ways.

6. Conservation Measures- not applicable

7. Conclusions- see 5 above.

8. Literature cited- US fish & Wildlife Services

9. List of preparers- Gary Wilson, Benchmark CMR Inc



City of Trinity - Proposed Sewer Service to Turnpike Court



0.7 miles

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Proposed Sewer Service to Turnpike Court

Cited source of the flood hazard features: NC Division of Water Quality (NCOneMap).

Flood Hazards

